



Features

- 24" Touch Screens
- 12th Gen Intel Core i5 10-Core CPU
- Cable Gland for Sealed I/O Connections
- IP66, IP69K Waterproof Rating
- Windows 11 Compatible
- Dual 2.5 GbE LAN

Technical Specifications

General

Main Category Industrial Computer

Primary Components

Processor Family Intel Core I series 12th Generation Alder Lake

Processor Model Core i5-1245UE

Memory Type 2x DDR4 SO-DIMM

Memory Support 4GB, 8GB, 16GB, 32GB, 64GB

Storage type 1x 2.5" SATA Drive Bay for SSD/HDD, 1x M.2 NVME SSD Slot (2242/2262/2280)

Storage support 32GB-1TB

Display

Screen Size 23.8"

Resolution 1920 x 1080 (Full HD)

Screen Ratio 16:9

Brightness 250 nits

Contrast Ratio 3000:1

Viewing Angle 178° (H), 178° (V)

Number of Colors Supported 16.7M

Expansion Slots

Internal M.2 1x M.2 Type E, 1x M.2 for NVME SSD Support, 1x M.2 3042/3052 Key B (For 4G/5G Cellular expansion option)

Multimedia

Speakers Optional Speaker

Thermal and Environmental

Operating Temperature Array (32°F – 104°F)

Storage Temperature Array (-4°F – 140°F)

Humidity Range 10% – 90% Non-condensing

Storage Humidity 10% – 90% Non-condensing

Cooling Solution Passive – Fanless

Touch Screen

Touch Screen	Resistive
Light Transmission	>85%
Hardness	7H

Enclosure

Material	Stainless Steel
Ip Rating	IP66, IP69K
Color	Stainless Steel
Control Buttons	Brightness Down, Brightness Up, Power Button
Mounting Options	Swing Arm, Table Mount, VESA 100 Mount, Wall Mount

External I/O ports

USB	2x USB 2.0, 2x USB 3.2, 2x USB 3.2 Type C
Serial / Com	2x COM
Serial Protocol Detail	2x RS-232/422/485
Ethernet / LAN	2x RJ45 2.5 GbE LAN
Video Outputs	2x Display Port 1.4a via USB-C, 2x HDMI 2.0b
Audio	2x 3.5mm Audio Line-Out/Mic-In

Peripherals & Wireless Connectivity

WiFi	Optional WiFi + Bluetooth Flat Antenna Kit
Sim card	1x Nano SIM Card Slot
Barcode Scanner	Optional 1D/2D Barcode Scanner
RFID	Optional RFID (Cannot coexist with barcode scanner)

Power

Input Voltage Range	12-28V DC
Standard Power Adapter	AC 100 ~ 277V / 47 ~ 63 Hz / DC output 24V, 5A, 120W, IP68

Dimensions / Weight

Weight	14.8 KG (32.6 lbs)
Dimensions	627 x 396 x 105 mm (24.7 x 15.6 x 4.1 in)

Battery

Certification

Certifications	CE, FCC, VCCI Class B
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Operating Systems

Warranty

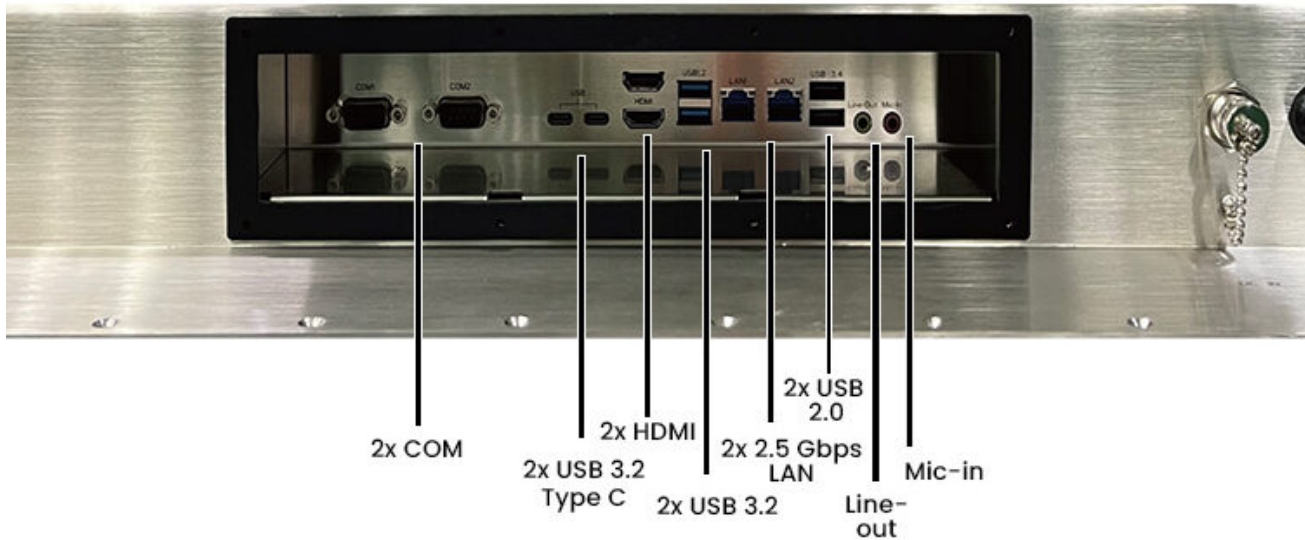
Windows	Windows 11 Pro, Windows 10 IoT, Windows 10 Pro	Warranty	Up to 5 Years
Linux	Linux		

Compatibility

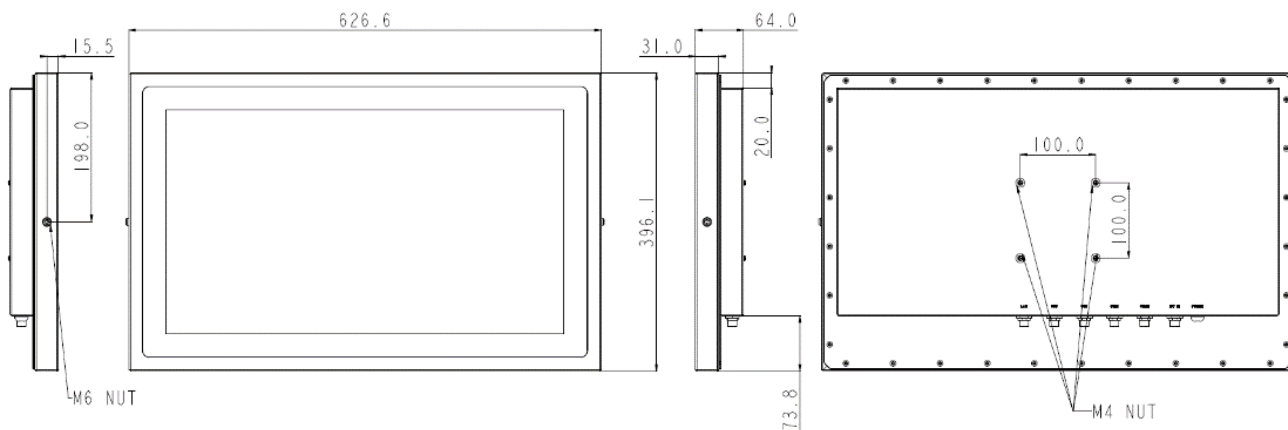
Filters

Security Hardware	TPM 2.0	Main Category Filter	Industrial Computer
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Inputs / Outputs



Technical Drawings



All specifications are subject to change without notice.